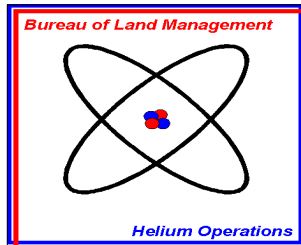


Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for November - 1999



Distribution:

Fluid Minerals Group Manager, Washington Office
New Mexico State Director
Associate State Director
Petroleum Engineer
Field Manager, Amarillo Field Office
Division Chiefs (3)
Team Leaders
-Federal Leased Lands
-Gas Analysis
-Resources Evaluation
-Natural Gas Engineering

List of Tables

Table 1 - Summary of Helium Operations
* **Table 2 - Helium Sales**
* **Table 3 - Helium Resources Evaluation**
* **Table 4 - Federal Acquisition & Storage Operations**
* **Table 4.1 - Helium Storage Contract Activity**
Table 5 - Pipeline & Cliffside Field Operations

Amarillo, Texas

Issued: September 27, 2000

** Revised **

***Tables include COMPANY PROPRIETARY INFORMATION (shaded) and is for internal use only.
This information shall not be released unless express permission is authorized.**

Approved for distribution: Nelson R. Bullard /s/

Date: 09/27/2000

Table 1 - Summary of Helium Operations
November - 1999

In Kind Sales		NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
Total month		0	0	0	0	0	0	0	0	\$0	
Total FYTD		0	0	0	0	0	0	0	0	\$0	
Total CYTD		99,175	2,462	0	29,654	28,179	9,706	169,176	166,555	\$8,152,511	
In Kind Transfers								Month	FYTD	CYTD	Cumulative
Transferred								56,596	56,596	217,351	302,184
Volume outstanding								334			
Purchased Helium	Helium-Gas Mixture	Month Helium Percent	Helium	Month Low Purity Helium	FYTD	Month Below 50% Helium	FYTD	FYTD	CYTD	Cumulative	
Total purchased										32,176,145	
Purchased helium produced / transferred			56,596					56,596	217,351	2,287,524	
Balance of purchased helium in storage										29,888,621	
Private Plant Activity											
Accepted in storage system		109,210	69.54%	75,944	3,541	8,891	(286)	(969)	155,185	1,054,077	5,167,340
Redelivered from storage system		(172,929)	69.36%	(119,942)	0	0	26	1,552	(235,813)	(1,155,011)	(3,986,017)
Total apparent crude produced^		262,795	72.08%	189,435					381,751	2,098,713	NA
Total apparent crude refined^		(277,824)	71.23%	(197,886)					(387,467)	(1,807,468)	NA
Storage Contract Activity	Gross Gas	Helium	Metered Gas			Transferred Gas		Stored Helium	Charges Billed		
	Month		FYTD	Helium		Helium		EOM	Dollars**		
				CYTD	Cumulative	Month	Cumulative		Month	FYTD	
Crude Acquired		108,381	75,658	154,216	1,050,311	22,548,401	119,784	22,218,476			
Crude Disposed		172,881	119,916	234,261	1,152,312	15,812,319	63,188	21,916,023			
Grade-A Rdlvrd		0	0	0	0	1,427,554	0	0			
Net/Balance		(64,500)	(44,258)	(80,045)	(102,001)	5,308,528	56,596	302,453	4,917,135	\$3,447	\$359,447
Bush Dome Reservoir Operations				Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
Conservation gases from all sources				Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period				48,218,807	34,798,254	48,270,503	34,836,504	490,620	490,620	0	0
Net Activity				(66,794)	(47,921)	(118,490)	(86,171)	47,661,393	34,259,713	48,152,013	34,750,333
Total in underground storage				48,152,013	34,750,333	48,152,013	34,750,333	48,152,013	34,750,333	48,152,013	34,750,333
Native Gas											
Total in place, beg. of period				209,035,332		209,039,114		265,724,755		318,727,000	
Net Activity				(2,289)							
Total in place, end of month				209,033,043							
Native Gas plus Conservation Gases											
Total gases in place, beg. of period				257,254,139		257,309,617		266,215,375		318,727,000	
Net Activity				(69,083)		(124,561)		(9,030,319)		(61,541,944)	
Total gases in place, end of month				257,185,056		257,185,056		257,185,056		257,185,056	
Helium Resources Evaluation						Month		FYTD			
Revenue Collected from Federal Lease Holds						\$324,955		\$628,660			
Helium Sample Collection Report				Submitted		4	Received	9	Analyzed	90	
Fiscal Year End Helium Exports (Mcf)				960,668							
Customer Comment Cards Mailed						Month		0	FYTD	17	

Table 5 - Pipeline & Cliffside Field Operations
All Volumes in Mcf at 14.65 psia & 60°F

November - 1999

	1	2	3	4	5	6	7	8
	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	18,767	13,137	18,919	13,243	0	0		
Measured to pipeline (2)	177,979	123,901	346,992	241,460	99,854,298	71,548,817		
Measured from pipeline (3)	172,929	119,943	342,515	235,815	34,114,777	24,568,653		
Measured into Bush Dome (4)	0	0	0	0	64,351,432	46,233,500		
Calculated inventory (1+2-3-4)	23,817	17,095	23,396	18,888	1,388,089	746,664		
End of period inventory	19,149	13,405	19,149	13,405	19,149	13,405		
Line gain or (loss)	(4,667)	(3,690)	(4,246)	(5,483)	(1,368,940)	(733,259)		
Percent gain (loss) of total measured	-1.330%	-1.513%	-0.616%	-1.149%	-0.690%	-0.515%		
Bush Dome Reservoir Operations								
Conservation gases from all sources								
In underground storage, beg. of period	48,218,807	34,798,254	48,270,503	34,836,504	490,620	490,620	0	0
Injected during period to date	0	0	0	0	64,351,703	46,233,461	64,959,603	46,841,361
Withdrawn during period to date	66,794	47,921	118,490	86,171	16,736,459	12,019,897	16,853,739	12,137,177
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	48,152,013	34,750,333	48,152,013	34,750,333	48,152,013	34,750,333	48,152,013	34,750,333
Native Gas								
Total in place, beg. of period	209,035,332		209,039,114		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,984,332		199,988,114		256,673,755		309,676,000	
Production during period to date	2,289		6,071		56,691,712		109,693,957	
Total in place, end of month	209,033,043		209,033,043		209,033,043		209,033,043	
Recoverable in place, end of month	199,982,043		199,982,043		199,982,043		199,982,043	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	257,254,139		257,309,617		266,215,375		318,727,000	
Total gases in place, end of month	257,185,056		257,185,056		257,185,056		257,185,056	
Change during period	(69,083)		(124,561)		(9,030,319)		(61,541,944)	
Tuck Trigg Reservoir Operations								
Native Gas								
Total in place, beg. of period	5,233,991		5,233,991				5,890,000	
Recoverable in place, beg. of period	4,563,991		4,563,991				5,220,000	
Production during period to date	182		182				656,191	
Total in place, end of month	5,233,809		5,233,809				5,233,809	
Recoverable in place, end of month	4,563,809		4,563,809				4,563,809	
Ave. reservoir pressure, beg. of period	675.6		675.8		685.0		814.1	
Ave. reservoir pressure, beg. of period	487.0		487.0				548.0	